**Genome and cDNA Sequencing**  
Category: Services  
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**Sequencing at AGI:** AGI recently acquired (2/14) a PacBio RSII sequencing instrument for targeted (BAC) and whole genome sequencing of large eukaryotic genomes (minimum tiling path BAC pools). The RSII can also be used for whole genome shotgun sequencing of microbial genomes as well as for full-length cDNA sequencing (no assembly required). If you are interested in using this technology for your genome project please contact Rod Wing, AGI Director, by email at rwing@mail.arizona.edu or Yeisoo Yu, AGI Sequencing Group Leader, at yeisooyu@ag.arizona.edu

Additional sequencing services include: genomic library construction (up to 40kb mate pair libraries), RNAseq and smallRNA library, GBS library, sequencing, assembly (de novo whole genome; de novo and reference guided transcriptome), and automated annotation (MAKER software).